

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal800exs

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\*\*\*\*\* Welcome to STN International \*\*\*\*\*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 SEP 09 CA/CAPLUS records now contain indexing from 1907 to the  
present  
NEWS 4 AUG 05 New pricing for EUROPAFULL and PCTFULL effective  
August 1, 2003  
NEWS 5 AUG 13 Field Availability (/FA) field enhanced in BEILSTEIN  
NEWS 6 AUG 18 Data available for download as a PDF in RDISCLOSURE  
NEWS 7 AUG 18 Simultaneous left and right truncation added to PASCAL  
NEWS 8 AUG 18 FROSTI and KOSMET enhanced with Simultaneous Left and Right  
Truncation  
NEWS 9 AUG 18 Simultaneous left and right truncation added to ANABSTR  
NEWS 10 SEP 22 DIPPR file reloaded  
NEWS 11 SEP 25 INPADOC: Legal Status data to be reloaded  
NEWS 12 SEP 29 DISSABS now available on STN  
NEWS 13 OCT 10 PCTFULL: Two new display fields added  
NEWS 14 OCT 21 BIOSIS file reloaded and enhanced  
NEWS 15 OCT 28 BIOSIS file segment of TOXCENTER reloaded and enhanced  
  
NEWS EXPRESS OCTOBER 01 CURRENT WINDOWS VERSION IS V6.01a, CURRENT  
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),  
AND CURRENT DISCOVER FILE IS DATED 23 SEPTEMBER 2003  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that  
specific topic.

All use of STN is subject to the provisions of the STN Customer  
agreement. Please note that this agreement limits use to scientific  
research. Use for software development or design or implementation  
of commercial gateways or other similar uses is prohibited and may  
result in loss of user privileges and other penalties.

\*\*\*\*\* STN Columbus \*\*\*\*\*

FILE 'HOME' ENTERED AT 19:57:05 ON 30 OCT 2003

=> file registry

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 19:57:20 ON 30 OCT 2003

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
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Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 29 OCT 2003 HIGHEST RN 610749-29-6  
DICTIONARY FILE UPDATES: 29 OCT 2003 HIGHEST RN 610749-29-6

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP  
PROPERTIES for more information. See STNote 27, Searching Properties  
in the CAS Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> s toluene

33729 TOLUENE  
1 TOLUENES

L1 33729 TOLUENE  
(TOLUENE OR TOLUENES)

=> d

L1 ANSWER 1 OF 33729 REGISTRY COPYRIGHT 2003 ACS on STN  
RN 605679-81-0 REGISTRY  
CN Benzenepropanamine, .alpha.,.beta.-diphenyl-, (.alpha.R,.beta.R)-rel-,  
4-methylbenzenesulfonate (9CI) (CA INDEX NAME)

OTHER NAMES:

CN (1R\*,2R\*)-1-Amino-1,2,3-triphenylpropane p-toluenesulfonate

FS STEREOSEARCH

MF C21 H21 N . C7 H8 O3 S

SR CA

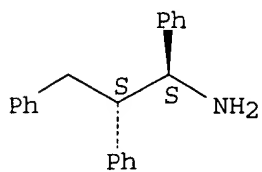
LC STN Files: CA, CAPLUS

CM 1

CRN 15329-91-6

CMF C21 H21 N

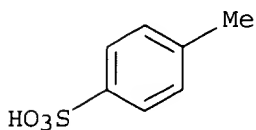
Relative stereochemistry.



CM 2

CRN 104-15-4

CMF C7 H8 O3 S



1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s toluol

L2 26 TOLUOL

=> d

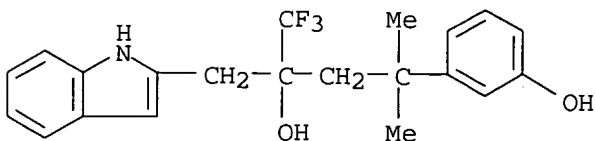
L2 ANSWER 1 OF 26 REGISTRY COPYRIGHT 2003 ACS on STN  
RN 426269-17-2 REGISTRY  
CN **Reductase, adenylylsulfate (Desulfobacula toluolica strain DSM-7467 gene apsA subunit .alpha. fragment) (9CI) (CA INDEX NAME)**  
OTHER NAMES:  
CN **Adenosine-5'-phosphosulfate reductase (Desulfobacula toluolica strain DSM-7467 gene apsA subunit .alpha. fragment)**  
CN GenBank AAL57395  
CN GenBank AAL57395 (Translated from: GenBank AF418128)  
FS PROTEIN SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s phenol  
312294 PHENOL  
31 PHENOLS  
L3 312294 PHENOL  
(PHENOL OR PHENOLS)

=> d

L3 ANSWER 1 OF 312294 REGISTRY COPYRIGHT 2003 ACS on STN  
RN 609852-16-6 REGISTRY  
CN 1H-Indole-2-ethanol, .alpha.-[2-(3-hydroxyphenyl)-2-methylpropyl]-.alpha.-(trifluoromethyl)- (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN **3-[4,4,4-Trifluoro-3-hydroxy-3-[(1H-indol-2-yl)methyl]-1,1-dimethylbutyl]phenol**  
MF C21 H22 F3 N O2  
SR CA  
LC STN Files: CAPLUS



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s toluene/strucutre  
'STRUCUTRE' IS NOT A VALID FIELD CODE  
L4 0 TOLUENE/STRUCUTRE

=> s toluene/structure  
'STRUCTURE' IS NOT A VALID FIELD CODE  
L5 0 TOLUENE/STRUCTURE

=> fil medline  
COST IN U.S. DOLLARS

SINCE FILE ENTRY TOTAL SESSION

FILE 'MEDLINE' ENTERED AT 20:03:51 ON 30 OCT 2003

FILE LAST UPDATED: 30 OCT 2003 (20031030/UP). FILE COVERS 1958 TO DATE.

On April 13, 2003, MEDLINE was reloaded. See HELP RLOAD for details.

MEDLINE thesauri in the /CN, /CT, and /MN fields incorporate the MeSH 2003 vocabulary. See <http://www.nlm.nih.gov/mesh/changes2003.html> for a description on changes.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s arai, ?/au

L6 7741 ARAI, ?/AU

=> s l6 and py=1998

445982 PY=1998

L7 369 L6 AND PY=1998

=> s l7 and adaptation

108093 ADAPTATION

6991 ADAPTATIONS

112712 ADAPTATION

(ADAPTATION OR ADAPTATIONS)

L8 3 L7 AND ADAPTATION

=> d 1-3

L8 ANSWER 1 OF 3 MEDLINE on STN

AN 1999018839 MEDLINE

DN 99018839 PubMed ID: 9802031

TI **Adaptation** of Comamonas testosteroni TA441 to utilize phenol: organization and regulation of the genes involved in phenol degradation.

AU **Arai H**; Akahira S; Ohishi T; Maeda M; Kudo T

CS Laboratory of Microbiology, Institute of Physical and Chemical Research (RIKEN), Saitama, Japan.. harai@postman.riken.go.jp

SO MICROBIOLOGY, (1998 Oct) 144 ( Pt 10) 2895-903.

Journal code: 9430468. ISSN: 1350-0872.

CY ENGLAND: United Kingdom

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

OS GENBANK-AB006479; GENBANK-AB006480; GENBANK-D87101

EM 199901

ED Entered STN: 19990128

Last Updated on STN: 19990128

Entered Medline: 19990113

L8 ANSWER 2 OF 3 MEDLINE on STN

AN 1998415638 MEDLINE

DN 98415638 PubMed ID: 9744389

TI Multifocal electroretinogram indicates visual field loss in acute zonal occult outer retinopathy.

AU **Arai M**; Nao-i N; Sawada A; Hayashida T

CS Department of Ophthalmology, Miyazaki Medical College, Japan.. mikkia@post.miyazaki-med.ac.jp

SO AMERICAN JOURNAL OF OPHTHALMOLOGY, (1998 Sep) 126 (3) 466-9.

Journal code: 0370500. ISSN: 0002-9394.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Abridged Index Medicus Journals; Priority Journals

EM 199809

ED Entered STN: 19981006

Last Updated on STN: 19981006

Entered Medline: 19980923

L8 ANSWER 3 OF 3 MEDLINE on STN  
AN 1998369992 MEDLINE  
DN 98369992 PubMed ID: 9704369  
TI Chronic double-level cauda equina compression. An experimental study on the dog cauda equina with analyses of nerve conduction velocity.  
AU Mao G P; Konno S; **Arai I**; Olmarker K; Kikuchi S  
CS Department of Orthopedic Surgery, Fukushima Medical College, Japan.  
SO SPINE, (1998 Aug 1) 23 (15) 1641-4.  
Journal code: 7610646. ISSN: 0362-2436.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199811  
ED Entered STN: 19990106  
Last Updated on STN: 19990106  
Entered Medline: 19981109

=> s olsen, R/au  
L9 70 OLSEN, R/AU

=> s l9 and py=1997  
431124 PY=1997  
L10 3 L9 AND PY=1997

=> d 1-3

L10 ANSWER 1 OF 3 MEDLINE on STN  
AN 1998038144 MEDLINE  
DN 98038144 PubMed ID: 9370810  
TI [The use of nursing homes for drug addicts].  
Brug for plejehjem til stofmisbrugere.  
AU **Olsen R**  
SO SYGEPLEJERSKEN, (1997 Aug 8) 97 (32) 19.  
Journal code: 0421366. ISSN: 0106-8350.  
CY Denmark  
DT Journal; Article; (JOURNAL ARTICLE)  
LA Danish  
FS Nursing Journals  
EM 199711  
ED Entered STN: 19980109  
Last Updated on STN: 19980109  
Entered Medline: 19971128

L10 ANSWER 2 OF 3 MEDLINE on STN  
AN 1998008121 MEDLINE  
DN 98008121 PubMed ID: 9345040  
TI Association of tissue factor pathway inhibitor with human umbilical vein endothelial cells.  
AU Hansen J B; **Olsen R**; Webster P  
CS Department of Medicine, Institute of Clinical Medicine, University of Tromsø, Tromsø, Norway.  
SO BLOOD, (1997 Nov 1) 90 (9) 3568-78.  
Journal code: 7603509. ISSN: 0006-4971.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Abridged Index Medicus Journals; Priority Journals  
EM 199711  
ED Entered STN: 19971224  
Last Updated on STN: 19971224  
Entered Medline: 19971118

L10 ANSWER 3 OF 3 MEDLINE on STN  
AN 97289531 MEDLINE  
DN 97289531 PubMed ID: 9144436  
TI Cytotoxic effect of cytokines on murine colon carcinoma cells involves

TNF-mediated apoptosis.  
 AU Sveinbjornsson B; Rushfeldt C; Olsen R; Smedsrod B; Seljelid R  
 CS Institute of Medical Biology, University of Tromso, Norway..  
 baldur@fagmed.uit.no  
 SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, (1997 Apr 7)  
 233 (1) 270-5.  
 Journal code: 0372516. ISSN: 0006-291X.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199706  
 ED Entered STN: 19970612  
 Last Updated on STN: 19970612  
 Entered Medline: 19970605

=> s olsen, r.h./au  
 L11 61 OLSEN, R.H./AU

=> s l11 and py=1997  
 431124 PY=1997  
 L12 3 L11 AND PY=1997

=> d 1-3

L12 ANSWER 1 OF 3 MEDLINE on STN  
 AN 1998113814 MEDLINE  
 DN 98113814 PubMed ID: 9451833  
 TI Evidence for the evolution of a single component phenol/cresol hydroxylase  
 from a multicomponent toluene monooxygenase.  
 AU Olsen R H; Kukor J J; Byrne A M; Johnson G R  
 CS Department of Microbiology and Immunology, University of Michigan Medical  
 School, Ann Arbor 48109-0620, USA.  
 NC ES04911 (NIEHS)  
 M01RR00042 (NCRR)  
 SO JOURNAL OF INDUSTRIAL MICROBIOLOGY AND BIOTECHNOLOGY, (1997  
 Nov-Dec) 19 (5-6) 360-8.  
 Journal code: 9705544. ISSN: 1367-5435.  
 CY ENGLAND: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Biotechnology  
 EM 199802  
 ED Entered STN: 19980226  
 Last Updated on STN: 19980226  
 Entered Medline: 19980219

L12 ANSWER 2 OF 3 MEDLINE on STN  
 AN 97468481 MEDLINE  
 DN 97468481 PubMed ID: 9327568  
 TI Multiple pathways for toluene degradation in Burkholderia sp. strain  
 JS150.  
 AU Johnson G R; Olsen R H  
 CS Department of Microbiology and Immunology, University of Michigan Medical  
 School, Ann Arbor 48109-0620, USA.  
 NC ES-04911 (NIEHS)  
 SO APPLIED AND ENVIRONMENTAL MICROBIOLOGY, (1997 Oct) 63 (10)  
 4047-52.  
 Journal code: 7605801. ISSN: 0099-2240.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199802  
 ED Entered STN: 19980306  
 Last Updated on STN: 19980306  
 Entered Medline: 19980225

L12 ANSWER 3 OF 3 MEDLINE STN  
 AN 97438539 MEDLINE  
 DN 97438539 PubMed ID: 9293027  
 TI Cross-regulation of toluene monooxygenases by the transcriptional  
 activators TbmR and TbuT.  
 AU Leahy J G; Johnson G R; Olsen R H  
 CS Department of Microbiology and Immunology, University of Michigan Medical  
 School, Ann Arbor 48109-0620, USA.  
 NC ES-04911 (NIEHS)  
 M01RR00042 (NCRR)  
 SO APPLIED AND ENVIRONMENTAL MICROBIOLOGY, (1997 Sep) 63 (9)  
 3736-9.  
 Journal code: 7605801. ISSN: 0099-2240.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199710  
 ED Entered STN: 19971105  
 Last Updated on STN: 19971105  
 Entered Medline: 19971020

=> d 2 ab

L12 ANSWER 2 OF 3 MEDLINE on STN  
 AB Burkholderia (Pseudomonas) sp. strain JS150 uses multiple pathways for the  
 metabolism of catechols that result from degradation of aromatic  
 compounds. This suggests that the strain also uses multiple upstream  
 pathways for the initial hydroxylation of aromatic substrates. Two  
 distinct DNA fragments that allowed Pseudomonas aeruginosa PAO1c to grow  
 with benzene as a sole carbon source were cloned from strain JS150. One  
 of the recombinant plasmids containing the initial steps for the  
 degradative pathway contained a 14-kb DNA insert and was designated  
 pRO2016. We have previously shown that the DNA insert originated from a  
 plasmid carried by strain JS150 and contained genes encoding a  
 multicomponent toluene-2-monooxygenase (tbmABCDEF) as well as the cognate  
 regulatory protein (tbmR) that controls expression of the 2-monooxygenase  
 (G. R. Johnson and R. H. Olsen, Appl. Environ. Microbiol.  
 61:3336-3346, 1995). Subsequently, we have identified an additional  
 region on this DNA fragment that encodes toluene-4-monooxygenase activity.  
 The toluene-4-monooxygenase activity was also regulated by the tbmR gene  
 product. A second DNA fragment that allowed P. aeruginosa to grow with  
 benzene was obtained as a 20-kb insert on a recombinant plasmid designated  
 pRO2015. The DNA insert contained genes encoding toluene-4-monooxygenase  
 activity but no toluene-2-monooxygenase activity. The pRO2015 insert  
 originated from the chromosome of strain JS150, unlike the region cloned  
 in pRO2016. Southern blots and restriction map comparisons showed that  
 the genes for the individual 4-monooxygenases were distinct from one  
 another. Thus, strain JS150 has been shown to have at least three  
 toluene/benzene monooxygenases to initiate toluene metabolism in addition  
 to the toluene dioxygenase reported previously by others.

=> dis his

(FILE 'HOME' ENTERED AT 19:57:05 ON 30 OCT 2003)

FILE 'REGISTRY' ENTERED AT 19:57:20 ON 30 OCT 2003

L1 33729 S TOLUENE  
 L2 26 S TOLUOL  
 L3 312294 S PHENOL  
 L4 0 S TOLUENE/STRUCUTRE  
 L5 0 S TOLUENE/STRUCTURE

FILE 'MEDLINE' ENTERED AT 20:03:51 ON 30 OCT 2003

L6 7741 S ARAI, ?/AU  
 L7 369 S L6 AND PY=1998  
 L8 3 S L7 AND ADAPTATION

L9 70 S OLSEN R/AU  
L10 3 S L9 AND PY=1997  
L11 61 S OLSEN R H /AU  
L12 3 S L11 AND PY=1997

=> log h

COST IN U.S. DOLLARS

SINCE FILE  
ENTRY

TOTAL  
SESSION

FULL ESTIMATED COST

5.29

27.60

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 20:10:08 ON 30 OCT 2003